

RESOLUTION NO. 92-155

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A RESOLUTION OF THE LODI CITY COUNCIL
APPROVING AND AUTHORIZING STREET MASTER PLAN, INTERIM MAJOR COLLECTOR
DESIGNATIONS, STREETS CAPITAL IMPROVEMENT PROGRAM, APPROPRIATIONS OF
FUNDS FOR 1992/93 FISCAL YEAR, AUTHORIZING PUBLIC WORKS DIRECTOR TO
MAKE NON-BINDING APPLICATIONS FOR ADDITIONAL FUNDS FOR FUTURE PROJECTS
AND TO PREPARE PLANS AND SPECIFICATIONS AND OBTAIN BIDS ON APPROVED
PAVEMENT REHABILITATION PROJECTS.

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RESOLVED, that the Lodi City Council hereby approves the
attached "Report on Streets Master Plan, Capital Improvement Program,
and 1992/93 Appropriations", thereby authorizing and approving the
following:

1. Street Master Plan;
2. The interim Major Collector designations for Ham Lane, Lodi
Avenue to Elm Street, Hutchins Street, Kettleman Lane to
Lockeford Street, Stockton Street, Kettleman Lane to Turner
Road, and Elm Street, Lower Sacramento Road to Ham Lane;
3. The Streets Capital Improvement Program (Exhibit B of
attached Report);
4. The appropriation of funds for the 1992/93 fiscal year as
shown in Exhibit B of attached Report;
5. The Public Works Director to make non-binding applications
for additional funds for future-year projects; and
6. The Public Works Director to prepare plans and
specifications and obtain bids on the approved "Pavement
Rehabilitation Projects"; and

FURTHER RESOLVED, that planning or engineering for the Lodi
Avenue/SPRR underpass be deferred pending further Council action.

BE IT FURTHER RESOLVED, funding sources for streets improvements
shall consist of Lodi's share of State and Federal gasoline taxes,
special sales taxes and development impact mitigation fees. Summaries
of each fund showing only the portion of the fund actually going to the
Capital Improvement Program are shown on Exhibit A of the attached
report.

Dated: September 2, 1992

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RES92155/TXTA.02J

Resolution No. 92-155
September 2, 1992
Page Two

I hereby certify that Resolution No. 92-155 was passed and adopted by the Lodi City Council in a regular meeting held September 2, 1992 by the following vote:

Ayes: Council Members - Hinchman, Sieglock, Snider and
Pinkerton (Mayor)

Noes: Council Members - Pennino

Absent: Council Members - None

Alice M. Reimche
Alice M. Reimche
City Clerk *by jmt*



Streets Master Plan,

Capital Improvement Program

&

1992/93 Appropriations

CITY OF LODI
DEPARTMENT OF PUBLIC WORKS

City of Lodi

**Streets Master Plan,
Capital Improvement Program
&
1992/93 Appropriations**

Public Works Department
August 1992

Introduction

With the adoption of the City's new General Plan and the Development Impact Mitigation Program in 1991 it is necessary to more formally plan capital improvements for the life of the General Plan. Recent changes in State and Federal laws regarding transportation also support this idea. The City will eventually have to adopt a comprehensive "Transportation" capital improvement program incorporating transit, air quality mitigation and other vehicle trip reduction measures to continue to receive State and Federal transportation funds.

The entire program consists of two parts:

- The street "Master Plan" that summarizes street classifications and widths from the circulation study done for the General Plan and past Council action, and:
- The "Capital Improvement Program" that shows street projects through the General Plan horizon year of 2007 and appropriations for Fiscal Year 1992/93. Preparation and approval of this "long term" program will allow better planning and an opportunity for obtaining supplemental funding.

The program was presented to the Planning Commission at its August 10 meeting. The Commission approved the Master Plan and found the Capital Improvement Program to be in conformance with the General Plan.

Master Plan

The Street Master Plan designates street classifications according to the General Plan circulation study and past Council actions such as specific plan ordinances. These designations guide development conditions of approval for right-of-way dedications and construction requirements.

The Council's desire has been to plan well into the future for street improvements to avoid future widening problems. This means there are a few street segments designated for future widening to arterial width (4 lanes) that will not need to occur before 2007 and are not included in the Impact fee program. These should be improved on an interim basis to "Major Collector" (2 lanes w/turn lane) classification:

- Ham Lane, Lodi Avenue to Elm Street
- Hutchins Street, Kettleman Lane to Lockeford Street
- Stockton Street, Kettleman Lane to Turner Road
- Elm Street, Lower Sacramento Road to Ham Lane

There are other cases where existing streets already exceed the widths shown on the Master Plan. A notable example is Ham Lane south of Kettleman Lane. This 100 ft. R/W street is improved to 4 lanes with a median/left turn lanes which, according to the Master Plan only needs 94 feet of R/W. In these cases, the existing R/W should remain as is. Generally, the street is improved with wider sidewalks or landscaping to meet that R/W.

The Master Plan also shows some additional streets not included in the General Plan or Circulation Study. These are the result of recent work done on specific projects. They are:

- *A major collector parallel to and north of Kettleman Lane (Hwy. 12) east and west of Mills Avenue* - This street serves a number of purposes. The General Plan calls for commercial (shopping center) development on the northeast corner of Kettleman Lane & Lower Sacramento Road and a 300 ft. deep strip of office/professional along the north side of Kettleman Lane east to the WID canal. This high intensity use at the intersection and the strip along Kettleman Lane creates access problems on the State highway. Caltrans will only allow limited access to Hwy 12. Eventually Kettleman Lane will need a median prohibiting free left turn access. A traffic signal is needed to accommodate the heavy volumes at the new Wal-Mart shopping center and the planned center on the north side of Hwy 12, . Caltrans will only consider a signal if it is located at a public street. Thus the proposed public street will connect to Hwy. 12 midway between Lower Sacramento Road and Mills Avenue opposite the Wal Mart driveway and provide signalized access for both shopping centers and the offices further east. The east-west street will also serve as a buffer between the office development and the planned residential development to the north.

The exact alignment of this street can vary with the development plans for the area. The key issue is that the street provide alternate access to Kettleman Lane for the office/professional uses on the north side.

- *Minor collectors in the southeast area, south of Century Blvd., east of Stockton Street* - These provide access to the planned school and park in the area. Again, the exact alignment will depend on the development plans for the area. The key issues are access to the school, park and commercial area planned for the northeast corner of Stockton Street and Harney Lane.
- *East-west street north of Kettleman Lane, east of Beckman Road (also relocated east)* - This street is needed for circulation in the area and to provide access to the extremely deep, narrow parcels that front Kettleman Lane west of Guild Avenue. The Beckman Road relocation is needed to eliminate congestion caused by the short spacing between it and the Hwy. 99 ramps. This will be studied in more detail in the Hwy. 99/12 interchange project study report being done by Caltrans.
- *Collectors ^{West} of Lower Sacramento Road between Kettleman Lane and Harney Lane* - This area is new to the General Plan. The pattern for collectors follows that of the area north of Kettleman Lane. Note that this layout of collector streets conforms to the General Plan which does not propose urban growth westerly beyond ½ mile west of Lower Sacramento Road.

Funding

Funding sources for street improvements consist of Lodi's share of State and Federal gasoline taxes, special sales taxes and development impact mitigation fees. Exhibit A summarizes each fund showing only the portion of the fund actually going to the CIP. The following describes the funding sources:

- *Transportation Development Act (TDA)* - This revenue comes from State sales

taxes (¼¢) and was intended for transit purposes. Funds not needed for transit can be used for street maintenance. The City receives roughly \$1 million per year of which half goes to the Dial-A-Ride system (125 fund) and one-third to the street maintenance operating budget with the balance going to the streets CIP (124 fund). This also includes the Bicycle and Pedestrian account (128 fund) which, by Council policy has been used for sidewalk repairs.

We have assumed that all TDA funds now used in the CIP (except the 128 fund portion) will go toward transit by FY 95/96. If TDA funds used for street maintenance are also retained for transit, we will need to decide how to make up that loss.

- *Gas Tax* - These revenues consist of three separate State Code sections, including the recently voter approved Proposition 111. They total roughly \$1 million per year of which nearly half goes to the street maintenance operating budget.

We have assumed these funds will remain constant.

- *Federal Funds* - With the new federal transportation bill, the Inter modal Surface Transportation Efficiency Act (ISTEA), the old Federal Aid-Urban (FAU) category of funding is gone. It is combined with other, more flexible categories of funding; however, California has not adopted implementing legislation. At worst, Lodi will have to compete for project funding with other jurisdictions. At best, we will be guaranteed a certain amount of funding and will have to compete for additional funds. The final funding arrangement will be determined by the Council of Governments in conformance with State and Federal law.

In this first year of the program, Caltrans asked local agencies to get as many projects done as soon as possible using the old FAU rules. They asked for projects that could be awarded in 1992. Staff submitted three traffic signal projects for 100% funding in addition to the Cherokee/Hale traffic signal already approved by Council. These were the only projects for which we felt we could meet the 1992 deadline.

- *Measure K* - This is the local ½¢ sales tax approved by San Joaquin County voters in November 1991 which will provide an additional \$ ½ million annually in street maintenance funds for Lodi. We have assumed all will go toward capital maintenance projects, although in the future, some amount may need to be used in the streets operation and maintenance budget. In addition, some specific projects will be funded in part by Measure K.
- *State/Local Partnership* - This minor funding source was enacted by the legislature to provide up to 50% match for street improvement projects which were funded by local agencies. In actuality, funding levels have been much less and are anticipated to be zero this fiscal year. Staff plans to continue to submit applicable projects for funding and if we receive reimbursement, we will have those funds to work with in future years.
- *Development Impact Mitigation Program Fees* - This new program adopted by the

City Council in 1991 with the General Plan, will fund projects that provide additional capacity to accommodate new growth. Obviously, funding will only be available as development occurs and with the poor economy, we have been revising short-term revenue projections downward. Since the program still includes all the projects needed to accommodate the General Plan, this fund shows a huge deficit at the end of the program. This, however, is self-correcting in that either we will not need to build all the projects or the development will occur and we will have the needed funding.

In total, annual street CIP funding for the next few years has increased by approximately \$700,000 as a result of Measure K and Proposition 111. Assuming the loss of TDA as mentioned above and no additional shifts to the street operation and maintenance budget, nearly all the listed CIP projects can be funded. However, making up the loss in TDA used for O&M will reduce this annual amount by roughly \$300,000. One notable unfunded project is the Lodi Avenue/SPRR underpass.

Capital Improvement Program (CIP)

The CIP (Exhibit B) shows street projects through the General Plan horizon year on 2007 and is based on the General Plan and the Development Impact Mitigation Fee Study. It has been updated to take into account actual residential development phasing and location and some near term commercial development. Scheduling for projects needed to serve future industrial and commercial development is generally the same as estimated in the Study. The projects themselves are described in the individual sheets also attached.

Some projects listed are new in this program:

- *Traffic Operation... "Convert fixed time signals to traffic actuated"* - This is recommended only if we can obtain additional federal funds for the project.
- *Street Widening...* - All the widening projects included in the General Plan and Development Impact Mitigation Fee Study were added. Most of the widening projects consist of the development impact mitigation program's share of widening new streets in conjunction with new developments. (Individual projects are only responsible for streets up to 68 ft. in width; the "excess" width is included in the impact mitigation program.)
- *Railroad Crossing Surface Improvements* - This was discussed earlier as a possible Measure K project. The decision to spend funds on improving ride quality of railroad crossings or on other street maintenance or capital improvements or on landscaping is a matter for Council to discuss and determine a policy. The program recommends funding preliminary engineering to determine actual costs and work out a possible construction plan with the Southern Pacific Railroad.
- *Lodi Avenue/SPRR underpass* - Per previous Council direction, preliminary engineering for this project is included in the CIP. This study will determine street and structure alignments, adjacent street closures, R/W needs and costs. Since this project is eligible for partial Measure K fund funding, we will need to determine in the next few years if we wish to pursue this project or let the Measure K funds be

used on some other grade separation project in the County. Obtaining the matching funds will be a problem. In the future, the City may wish to consider debt financing for this project.

- *Misc. Projects .. "Ham Lane Fence & Peach St. improvements"* - These projects were discussed at the Council and Planning Commission respectively and it was decided they would be listed in the CIP so they could be considered for funding in light of the entire program. Minimal funding for the Peach Street project is recommended to improve pedestrian safety. Specific Council direction is needed on the Ham Lane fence project.

The recommended actions include two new Council approvals to save future staff and Council time. They are:

- *Authorize the Public Works Director to make non-binding applications for additional funds for future year projects* - This will allow staff to work with Caltrans and Council of Governments staff to apply for any special program or other funds in advance. Often these funds are competitive in nature and we cannot plan on obtaining them. Of course, staff could not make any applications that would be binding on the Council.
- *Authorize the Public Works Director to prepare plans and specifications and obtain bids on the approved "Pavement Rehabilitation Projects"* - This category of project (mainly overlays) is relatively straightforward and non-controversial. Once approved in the budget, we can save Council and staff time by eliminating the step of having Council approving the plans and specifications and authorizing advertising for bids. The project will still come to the Council for contract award.

Recommended Actions, September 1992

After conducting a public hearing, the Council is being asked to adopt a resolution on the following:

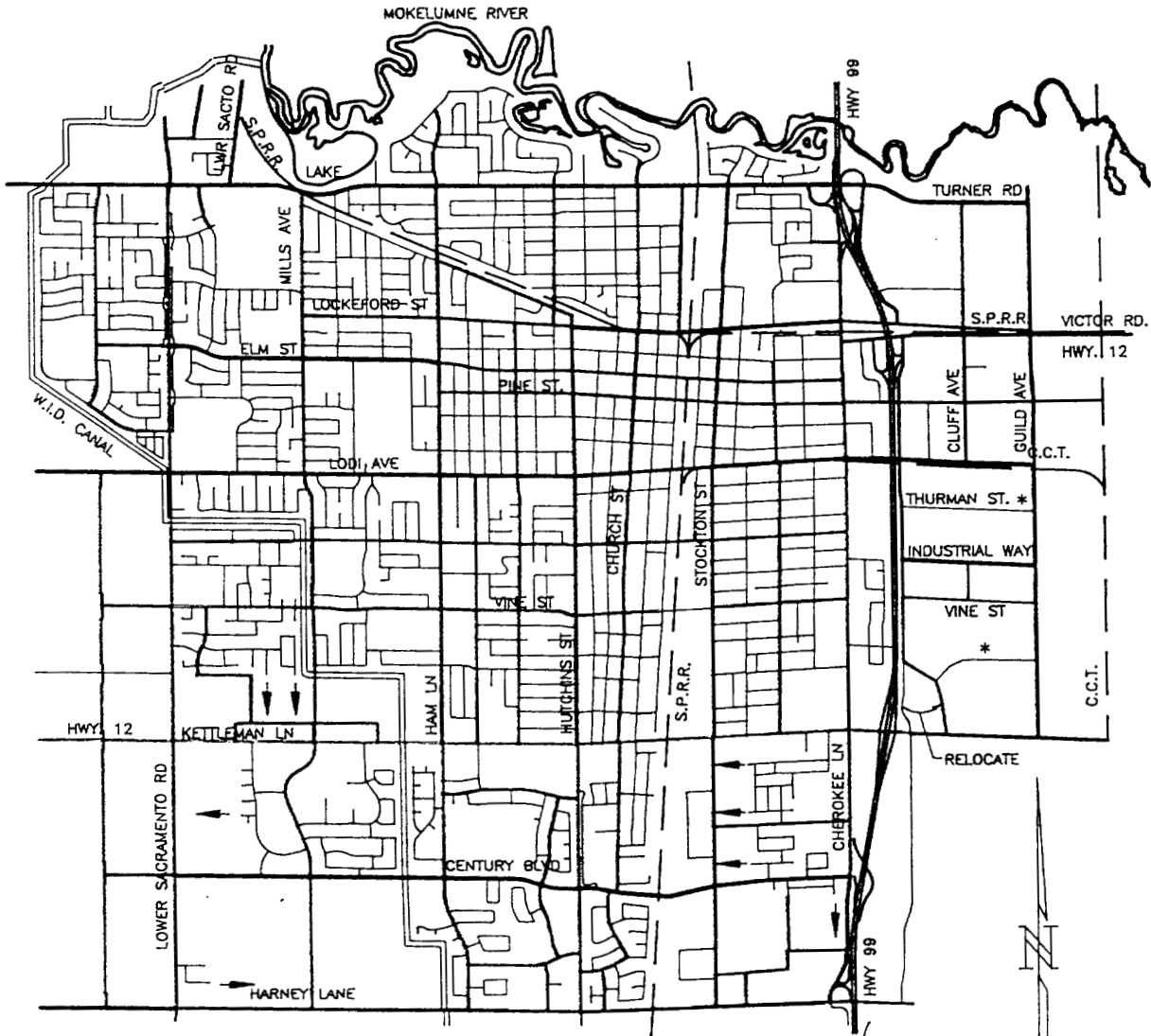
- Approve the Street Master Plan;
- Approve the "interim Major Collector" designations for
Ham Lane, Lodi Avenue to Elm Street
Hutchins Street, Kettleman Lane to Lockeford Street
Stockton Street, Kettleman Lane to Turner Road
Elm Street, Lower Sacramento Road to Ham Lane;
- Approve the Streets Capital Improvement Program (Exhibit B);
- Appropriate funds as shown in Exhibit B for the 1992/93 Fiscal Year;
- Authorize the Public Works Director to make non-binding applications for additional funds for future year projects; and,
- Authorize the Public Works Director to prepare plans and specifications and obtain bids on the approved "Pavement Rehabilitation Projects".



CITY OF LODI

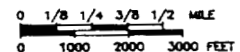
PUBLIC WORKS DEPARTMENT

STREET MASTER PLAN



LEGEND

- Major Arterial (118' RW, 6 lanes W/LT, median)
- Minor Arterial (94' RW, 4 lanes W/LT, median, 110' RW on Lower Sacramento Rd. plus Frontage Rd.)
- Secondary Arterial (80' RW, 4 lanes)
- Major Collector (2 lanes W/LT, median)
- Minor Collector (2 lanes)
- Local Residential & Industrial (* New)
Streets per Design Standards (2 lanes)
- ➔ To be extended to Collector/Arterial



Approved by
City Council
Resolution No. _____
1992

Capital Improvement Program Fund Balances

Fund	Number	Code	Fiscal Year		FY92 /93	FY93 /94	FY94 /95	FY95 /96	FY96 /97	1997 /02	2002
			FY91 /92								
Streets - Trans. Dev. Act (less transit)	124.0	TD									
		Beg. Balance:		90	26	77	214				
		Revenue:			228	228	228	0	0	0	0
		Project Costs:			292	178	91	214	0	0	0
		End Balance:	90	26	77	214					
Streets - Gas Tax 2106 & 2107	33, 32	TG									
		Beg. Balance:		(2)	139	243	289	302	251	47	
		Revenue:			219	219	219	219	1,096	1,096	
		Project Costs:			78	115	174	206	270	1,300	1,100
		End Balance:	(2)	139	243	289	302	251	47		
Streets - Federal	126.0	TF									
		Beg. Balance:	0	0	0	0	0	0	0	0	0
		Revenue:	0	380	202	0	0	0	0	0	0
		Project Costs:	0	380	202	0	0	0	0	0	0
		End Balance:	0	0	0	0	0	0	0	0	0
Streets - Gas Tax Prop. 111(2105)	36.0	TP									
		Beg. Balance:		317	19	224	114	269	248	75	
		Revenue:			225	225	225	225	1,127	1,127	
		Project Costs:			523	20	336	70	246	1,300	1,160
		End Balance:	317	19	224	114	269	248	75	42	
Streets - Measure K	38.0	TK									
		Beg. Balance:	0	457	621	266	5	0	(84)	102	
		Revenue:	457	500	500	500	537	1,257	2,985	2,672	
		Project Costs:	0	336	855	761	542	1,341	2,799	2,697	
		End Balance:	457	621	266	5	0	(84)	102	77	
Streets - Bicycle & Pedestrian	128.0	TB									
		Beg. Balance:		2	3	3	4	5	5	5	
		Revenue:			22	22	22	22	22	109	
		Project Costs:			21	21	21	21	21	105	
		End Balance:	2	3	3	4	5	5	9	12	
Streets - State/Local Partnership	37.0	TL									
		Beg. Balance:		(21)	(21)	(21)	(21)	(21)	(21)	(21)	
		Revenue:		0	0	0	0	0	0	0	
		Project Costs:		0	0	0	0	0	0	0	
		End Balance:	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	
Streets Development Impact Mitigation	60.4	TI									
		Beg. Balance:		(40)	(10)	628	790	744	(1,734)	(5,099)	
		Revenue:			272	749	545	313	204	1,020	1,020
		Project Costs:			242	110	383	359	2,682	4,385	5,296
		End Balance:		(10)	628	790	744	(1,734)	(5,099)	(9,375)	

Exhibit B

DRAFT - City of Lodi - Capital Improvement Program and 1992/93 CIP Appropriations

Annual Cost Incr. Factor: 1.0

Cost not updated	Estimated Cost as of	Work In Progress			PROJECT YEAR COST (\$000) & Fund Code					(5 year blocks)	
Project	July 1992	Appr. 6/92	Est. bal. 6 /92		FY92 /93	FY93 /94	FY94 /95	FY95 /96	FY96 /97	1997 /02	2002 /07
Street System											
Traffic Operation & Safety Improvements											
Miscellaneous	300,000	20,000	WIP	TG	20 TP	20 TP	20 TP	20 TP	20 TP	100 TP	100 TP
Church St. Coordination Impr - Phase 2		22,000	WIP	TG							
Convert fixed time signals to traffic actuated	154,000					154 TF					
Traffic Signals											
1. Lockeford/Stockton	100,000					50 TI					
" additional funding						50 TK					
2. Lockeford/Sacramento	100,000						100 TK				
3. Turner/Stockton	100,000				11 TI						
" additional funding					89 TF						
4. Lwr. Sacramento/Vine	100,000									50 TI	
" additional funding										50 TP	
5. Cherokee/Tokay	95,000						95 TK				
6. Harney/Stockton	100,000						50 TI				
" additional funding							50 TD				
7. Lodi/Mills	100,000									50 TI	
" additional funding										50 TP	
8. Turner/Lwr. Sacramento/Woodhaven	100,000				11 TI						
					89 TF						
9. Kettleman/Central	116,000				13 TI						
					103 TF						
10. Kettleman/Crescent	111,000						111 TK				
11. Turner/Mills	95,000					48 TI					
" additional funding						48 TF					
12. Pine/Stockton	100,000							50 TI			
" additional funding								50 TP			
13. Harney/Ham	95,000										95 TI
14. Mills/Elm	100,000								50 TI		
" additional funding									50 TG		
15. Turner/Edgewood-California	100,000								50 TI		
" additional funding									50 TK		
16. Cherokee/Hale	100,000				100 TF (approved 4/1/92)						
17. Ham/Century	100,000									50 TI	
" additional funding										50 TK	
18. Cherokee/Vine	95,000									48 TI	
" additional funding										48 TK	
19. Hutchins/Pine	100,000										100 TK
20. Cherokee/Elm	95,000									48 TI	
" additional funding										48 TK	
Turner/Hwy 99 Ramp	100,000										100 TI
Kettleman/Hwy 99 Ramp	100,000							100 TI			

Exhibit B**DRAFT - City of Lodi - Capital Improvement Program and 1992/93 CIP Appropriations**

Annual Cost Incr. Factor: 1.0

Cost not updated Project	Estimated Cost as of July 1992	Work In Progress		PROJECT YEAR COST (\$000) & Fund Code					(5 year blocks)	
		Appr. 6/92	Est. bal. 6 /92	FY92 /93	FY93 /94	FY94 /95	FY95 /96	FY96 /97	1997 /02	2002 /07
Kettleman/Beckman	100,000							100 TI		
Lower Sacramento/Harney	100,000						100 TI			
Harney/Mills	95,000								95 TI	
Street Widening (Capacity Improvement) Projects										
Century Blvd. (with adjacent development)	288,000			33 TI				255 TI		
Church Street - Century to Kettleman		229,522	(16) TG	(completed)						
Guild Ave. (with adjacent development)	178,000				13 TI	13 TI	13 TI	13 TI	36 TI	36 TI
Harney Lane (with adjacent development)	966,000							156 TI	620 TI	190 TI
Hutchins Street										
Lodi to Pine										
Prelim. Eng. & R/W (WS S/Walnut)		22,878	WIP							
Construction	263,000			111 TK						
Construction, add'l funding				152 TP						
Hutchins St Frontage Rd 600' N/Century										
Appraisal	4,000									4 TK
Right-of-Way	89,000									89 TK
Construction	13,000									13 TK
Hwy 12/Kettleman Lane Widening										
Project Study Report		92,000	92 TI							
SR99/12 Interchange Impr's	3,118,000							1,559 TI	1,559 TI	
" (Measure K funding)	700,000							700 TK		
" (State funding, est. 30%)	1,637,000							1,637		
Total: \$5,455,000										
Widening/restriping	805,000					277 TI		37 TI	24 TI	467 TI
12/Lower Sac. Rd. intersection impr's	50,000	92,000	1 TI	50 TI						
Lockeford Street										
Church to SPRR (N. side)	155,000									
SPRR to Cherokee										
EIR/Preliminary Engineering	64,000									
Right-of-Way, SPRR to Stockton	269,000									
Construction, SPRR to Stockton	394,000									
Right-of-Way, Stktn to Cherokee	221,000									
Construction, Stktn to Cherokee	387,000									
Total: \$1,490,000										1,490 TI
Lodi Ave. (with adjacent dev. & E/Cherokee)	138,000								35 TI	103 TI
Lower Sacramento Road										
Prelim. Eng. for Ultimate Widening		20,000	20 TI							
Widening	1,126,000	(to be updated as part of preliminary engineering)					52 TI	80 TI	736 TI	258 TI
" (Measure K funding)	750,750						37 TK	57 TK	485 TK	172 TK
Total: \$1,876,750										

Exhibit B

DRAFT - City of Lodi - Capital Improvement Program and 1992/93 CIP Appropriations

Annual Cost Incr. Factor: 1.0

Project	Estimated Cost as of July 1992	Work In Progress		PROJECT YEAR COST (\$000) & Fund Code						(5 year blocks)	
		Appr. 6/92	Est. bal. 6 /92	FY92 /93	FY93 /94	FY94 /95	FY95 /96	FY96 /97		1997 /02	2002 /07
Stockton Street Tokay to Lodi (see Pavement Rehabilitation Project)											
Preliminary Engineering											
Right-of-Way											
Construction											
Harney to Kettleman (E. side)	87,000			44 TI		44 TI					
Turner Road											
Hwy 99 overpass widening	1,591,000									1,591	TI
Widen/Restripe to 4 lanes E/99	35,000									35	TI
Widen/Restripe to 4 lanes W/LSR	89,000						45 TI	45 TI			
Victor Rd. (SR 12) - 99 to E. City Limit	363,000									363	TI
Pavement Rehabilitation Projects											
Almond Drive											
C, G&Swk, shoulder @ 452 & 458		17,000	17	16 TG	(add'l amount appropriated @ Aug. 19 council mtg)						
overlay, Cherokee to 2000' E/Cherokee	58,000				58 TK						
reconstruct N. side 2000' E/Cher. to Stkn.	48,000			48 TK							
Cherokee Lane											
Kettleman to Poplar, overlay		75,000	WIP	Includes approaches @ Kettleman							
" (special State funding)		21,260	WIP								
Century to Kettleman	234,000									234	TK
Kettleman to Poplar, NB lanes	59,000							59 TK			
Poplar to Vine	161,000					161 TP					
Vine to Lodi	155,000					155 TP					
Lodi to Pioneer	358,000							358 TK			
Total:	\$967,000.										
Church Street											
Vine to Tokay & Chestnut to Lodi, overlay		116,000	WIP	TG							
Kettleman to Vine, overlay	232,000			232 TD							
" (special State funding, Cycle 4, possibly zero funding)				TL							
Houston Lane Overlay	45,000			45 TD							
" (special State funding, Cycle 3, probably zero funding)				TL							
Hutchins Street											
Kettleman to Harney (SB), overlay	158,000					158 TK					
" (special State funding, Cycle 4, possibly zero funding)						TL					
Lodi Avenue											
Prelim. Eng. - Main to Cherokee		4,011	WIP								
Interim repairs w/CCT	22,000			22 TK							
Overlay, track removal	344,000						344 TK				
Mills Avenue - Tokay to Vine, overlay	87,000					87 TK					
" (special State funding, Cycle 4, possibly zero funding)						TL					
Oak St - Pacific to Ham; reconstruct	77,000			77 TK							

Exhibit B**DRAFT - City of Lodi - Capital Improvement Program and 1992/93 CIP Appropriations**

Annual Cost Incr. Factor: 1.0

Cost not updated Project	Estimated Cost as of July 1992	Work In Progress		PROJECT YEAR COST (\$000) & Fund Code					(5 year blocks)	
		Appr. 6/92	Est. bal. 6 /92	FY92 /93	FY93 /94	FY94 /95	FY95 /96	FY96 /97	1997 /02	2002 /07
Sacramento Street										
Lodi to Lockeford	216,000								216 TK	
Vine to Park, overlay	127,000				127 TD					
Stockton Street										
Tokay to Lodi Preliminary Engineering	10,000				10 TD					
Reconstruction w/new c&g	286,000					216 TK				
" add'l funding						70 TG				
Overlay Alternative: \$88,000.										
Lodi to Locust, overlay, min. widening		213,337	WIP						Widen to 57' curb to curb similar to south of Tokay St.	
Locust to Lockeford, widen W. side	54,000			54 TP						
Lockeford to Turner, rehabilitation	453,000			10 TP	443 TK					
Tokay Street										
Virginia to Mills	47,000						47 TG			
Fairmont to Virginia	80,000						80 TG			
Hutchins to Fairmont	75,000			75 TP						
Church to Hutchins	55,000			55 TP						
Miscellaneous Structural Overlays	4,096,000					150 TK	116 TK	50 TK	1,550 TK	2,230 TK
" additional funding	2,353,000						TP	193 TP	1,100 TP	1,060 TP
" additional funding	1,493,000					10 TG	173 TD	100 TG	700 TG	510 TG
Pavement Rehabilitation Subtotal:	11,383,000			634	883	762	760	760	3,800	3,800
Box Culverts @ Woodbridge Irrigation District Canal										
Lower Sacramento Road S/Lodi	316,000							316 TI		
Mills Avenue N/Kettleman	151,000								151 TI	
Harney Lane W/Hutchins	231,000								231 TI	
Turner Rd ½ mi. W/Lower Sacramento	160,000								80 TI	
" S.J. Co. share									80 S.J. Co.	
Lilac St. N/Academy, replacement	382,000			35 TP						
" S.J. Co. share				347 SJ Co./Federal)						
Railroad Crossing Improvements										
Locust St. @ SPRR, new sidewalk	33,000							33 TP		
Loma Dr @ SPRR, sidewalk		7,809	WIP							
Cherokee @ SPRR; gates & median (defer)	21,000	8,804	WIP	21						
Lower Sac. @ SPRR, upgrade xing	216,000								108 TI	
" S.J. Co. share									108 S.J. Co.	
Guild Ave. @ SPRR; upgrade xing (defer)	216,000									216 TI
Victor Rd. @ CCT; upgrade xing	237,000									237 TI
Beckman Rd. @ CCT S/Lodi; upgrade xing	242,000								121 TI	
Guild Ave. @ CCT S/Lodi; new xing	230,000								115 TI	
Thurman St. @ CCT; new xing	202,000								101 TI	

Exhibit B

DRAFT - City of Lodi - Capital Improvement Program and 1992/93 CIP Appropriations

Annual Cost Incr. Factor: 1.0

Project	Estimated Cost as of July 1992	Work In Progress		PROJECT YEAR COST (\$000) & Fund Code						(5 year blocks)	
		Apr. 6/92	Est. bal. 6 /92	FY92 /93	FY93 /94	FY94 /95	FY95 /96	FY96 /97		1997 /02	2002 /07
Kettleman Ln. @ CCT ¼ mi E/Guild	230,000										115 TI
" S.J. Co. share											115
Harney Ln. @ SPRR ¼ mi E/Hutchins	216,000									108 TI	
Lodi Avenue Underpass @ SPRR	11,632,000			50 TK							
Railroad Crossing Surface Improvements	523,000			5 TK	59 TK	89 TK	45 TK	67 TK		169 TK	89 TK
Miscellaneous Projects/Studies											
Miscellaneous Street Widening	750,000	20,000		50 TG	50 TG	50 TG	50 TG	50 TG		250 TG	250 TG
Misc. Curb & Gutter Replacements	300,000	15,000		20 TP	20 TD	20 TD	20 TD	20 TG		100 TG	100 TG
Sidewalk Replacements	435,000	29,000	(15)	29 TP	29 TG	29 TG	29 TG	29 TG		145 TG	145 TG
" additional funding	315,000	22,195		21 TB	21 TB	21 TB	21 TB	21 TB		105 TB	105 TB
Handicap Ramp Retrofits	225,000			15 TD	15 TD	15 TD	15 TD	15 TG		75 TG	75 TG
Overlay Analysis/Design	90,000	10,300	WIP	6 TP	6 TD	6 TD	6 TD	6 TG		30 TG	30 TG
Hutchins Street Median Landscaping											
Vineyard to Century	59,000										
Century to Kettleman	122,000										
Century @ Hutchins	43,000										
frontage road, Century to Mendocino	88,000										
Tokay Fence, Gate & Planter rebuild @ WID		6,606	WIP								
Ham Ln - N/Kettleman fence replacement	62,000										
" property owners contr. (\$8500)											
Street Master Plan Updates	121,676	653		80 TI				21 TI		21 TI	
Traffic Control Device Inventory	21,000				21 TG						
Church St. Tree Replacements Downtown	45,000			15 TP	15 TG	15 TG					
Pleasant Ave. Curb & Gutter Replacement	52,000			52 TP							
Peach St. Improvements	23,000			23 TK							
Local Area Network (Phase 2, street portion)	12,000			12 TG							
Street System Subtotal:	46,116,426	1,065,375	99	2,240	1,501	1,766	1,412	6,197		10,077	10,483



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Streets CIP

Miscellaneous Traffic Improvements

Project Description

This project includes various minor traffic operation and safety improvements unscheduled at budget time such as:

- o) addition of protected left turn phases at existing signalized intersections
- o) additional traffic detection loops to improve actuated signal operation
- o) larger signing at major intersections or on arterials
- o) new striping/channelization at intersections
- o) warning or other safety signing
- o) upgrading of traffic controllers & conflict monitors

The amount budgeted is based on recent expenditure history:

FY	Amount
90/91	\$0
89/90	\$26,200
88/89	\$15,485
87/88	\$2,087
86/87	\$14,298

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
Prelim Eng:				Jul-92	
EIR: exempt					4956
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:					
Other:					

Total Cost: \$ 20,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Traffic Improvements - Convert Fixed Time
Signals to Traffic Actuated

Project Description

This project consists of converting the remaining three fixed time traffic signals in the City to traffic actuated operation. This will allow more flexibility in timing and improve traffic flow.

Lockeford @ Church - convert to full actuation

Pine @ School - convert to semi-actuation

Pine @ Sacramento - convert to semi-actuation

The estimate includes conduit to interconnect the Pine St. signals to Church St.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of</u>	<u>ENR</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
		<u>Estimate</u>	<u>Index</u>	<u>ENR Index:</u>	<u>4992</u>
Prelim Eng:					
EIR: exempt					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: Lockeford @ Church	78,390	Jul-92	4992		\$ 78,000
Pine @ School	41,860	Jul-92	4992		\$ 42,000
Pine @ Sacramento	33,540	Jul-92	4992		\$ 34,000
Other:					

Total Cost: \$ 154,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi
Public Works Department

Streets Capital Improvement Program
Traffic Signals

Project Description

This project consists of the installation of new traffic signals. The list of locations includes those listed on the latest signal priority list. This list is updated periodically and ranks those locations meeting the Caltrans signal warrants using a City-developed point system. This priority listing is only a guide and other factors such as adjacent development, planned street improvement projects, funding source or other factors may result in a lower priority location being installed ahead of a higher priority location.

Unless noted otherwise, estimates are based on average City costs for T or 4-way intersections and are not adjusted for left turn phases or other factors. Additional, unnumbered locations are those not yet studied but shown in the 1991 Circulation study as those that will need signals in the future.

The 1991 Development Impact Fee Study provided for future signals to be funded 100% from impact fees and those locations already meeting Caltrans warrants at 50% impact fee funding.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:					
EIR: assumed exempt				Impact Fee Funding	
1. Lockeford/Stockton	\$ 95,000	Jun-90	4735	50%	\$ 100,000
2. Lockeford/Sacramento	\$ 95,000	Jun-90	4735	0%	\$ 100,000
3. Turner/Stockton	\$ 95,000	Jun-90	4735	50%	\$ 100,000
4. Lwr. Sacramento/Vine	\$ 95,000	Jun-90	4735	50%	\$ 100,000
5. Cherokee/Tokay	\$ 90,000	Jun-90	4735	0%	\$ 95,000
6. Harney/Stockton	\$ 95,000	Jun-90	4735	50%	\$ 100,000
7. Lodi/Mills	\$ 95,000	Jun-90	4735	50%	\$ 100,000
8. Turner/Lwr. Sac./Woodhaven	\$ 95,000	Jun-90	4735	100%	\$ 100,000
9. Kettleman/Central	\$ 110,000	Jun-90	4735	50%	\$ 116,000
10. Kettleman/Crescent	\$ 105,000	Jun-90	4735	0%	\$ 111,000
11. Turner/Mills	\$ 90,000	Jun-90	4735	50%	\$ 95,000
12. Pine/Stockton	\$ 95,000	Jun-90	4735	50%	\$ 100,000
13. Harney/Ham	\$ 90,000	Jun-90	4735	100%	\$ 95,000
14. Mills/Elm	\$ 95,000	Jun-90	4735	50%	\$ 100,000
15. Turner/Edgewood-California	\$ 95,000	Jun-90	4735	50%	\$ 100,000
16. Cherokee/Hale	\$ 95,000	Jun-90	4735	0%	\$ 100,000
17. Ham/Century	\$ 95,000	Jun-90	4735	50%	\$ 100,000
18. Cherokee/Vine	\$ 90,000	Jun-90	4735	50%	\$ 95,000
19. Hutchins/Pine	\$ 95,000	Jun-90	4735	0%	\$ 100,000
20. Cherokee/Elm	\$ 90,000	Jun-90	4735	50%	\$ 95,000
Turner/Hwy 99 Ramp	\$ 95,000	Jun-90	4735	100%	\$ 100,000
Kettleman/Hwy 99 Ramp	\$ 95,000	Jun-90	4735	100%	\$ 100,000
Kettleman/Beckman Rd.	\$ 95,000	Jun-90	4735	100%	\$ 100,000
Lower Sacramento/Harney	\$ 95,000	Jun-90	4735	100%	\$ 100,000
Harney/Mills	\$ 90,000	Jun-90	4735	100%	\$ 95,000

Total Cost: \$ 2,497,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

I-92
92

\$ 78,000

\$ 42,000

\$ 34,000

4,000

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7/7/92 TSIGNALS.XLS



CITY OF LODI
PUBLIC WORKS DEPARTMENT

Streets CIP

Century Blvd. Widening

Project Description

This project consists of the City's share of the construction of Century Blvd. This secondary arterial street is 80 feet in width (R/W). Under the terms of the City's Development Impact Fee Program Ordinance and Public Improvement Reimbursement Ordinance the width in excess of 68 feet is not the adjacent developer's responsibility. Construction will be done by the adjacent developer and the City share will be paid to the developer as part of the public improvement agreement. The cost includes an allowance for right-of-way, construction costs and 10% for engineering and administration.

This project is included in the Development Impact Fee Program.

Project Number:

<u>Estimated Costs</u>					
<u>Item</u>	<u>Amount</u>	<u>Date of</u>	<u>ENR</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
		<u>Estimate</u>	<u>Index</u>	<u>ENR Index:</u>	<u>4956</u>
Prelim Eng:					
EIR: per adjacent project					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: Stockton St. easterly	31,000	Jan-90	4673		\$ 33,000
Lower Sac. to WID canal	240,000	Jan-90	4673		\$ 255,000
Other:					

Total Cost: \$ 288,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Streets CIP

Guild Ave. Widening

Project Description

This project consists of the City's share of the construction of Guild Ave. This secondary arterial street is 80 feet in width (R/W). Under the terms of the City's Development Impact Fee Program Ordinance and Public Improvement Reimbursement Ordinance the width in excess of 68 feet is not the adjacent developer's responsibility. Construction will be done by the adjacent developer and the City share will be paid to the developer as part of the public improvement agreement. The cost includes an allowance for right-of-way, construction costs and 10% for engineering and administration.

This project is included in the Development Impact Fee Program. Since this area is not part of the growth management plan, the project timing cannot be predicted. The program assumed the cost to be spread out evenly throughout the General Plan buildout.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4956</u>
Prelim Eng:					
EIR: as part of adjacent project clearance					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: Lodi Ave. to Kettleman Ln.	168,000	Jan-90	4673		\$ 178,000
Other:					

Total Cost: \$ 178,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.
Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Streets CIP

Harney Lane Widening

Project Description

This project consists of the City's share of the construction of Harney Lane. This minor arterial street is to be 94 feet in width (R/W). Under the terms of the City's Development Impact Fee Program Ordinance and Public Improvement Reimbursement Ordinance the width in excess of 68 feet is not the adjacent developer's responsibility. Construction will be done by the adjacent developer and the City share will be paid to the developer as part of the public improvement agreement. The cost includes an allowance for right-of-way, construction costs and 10% for engineering and administration.

This project is included in the Development Impact Fee Program.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of</u>	<u>ENR</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
		<u>Estimate</u>	<u>Index</u>	<u>ENR Index:</u>	<u>4956</u>
Prelim Eng:					
EIR: with adjacent project clearance					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: Lower Sac. Rd. to 1/4 mi. east	173,000	Jan-90	4673		\$ 183,000
WID Canal to 1/4 mi. west	173,000	Jan-90	4673		\$ 183,000
WID Canal to Hutchins	120,000	Jan-90	4673		\$ 127,000
Hutchins to Stockton	120,000	Jan-90	4673		\$ 127,000
Stockton to Cherokee	147,000	Jan-90	4673		\$ 156,000
Lower Sac. Rd. to 1/4 mi. west	179,000	Jan-90	4673		\$ 190,000
Other:					

Total Cost: \$ 966,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Streets CIP

Hutchins Street Widening

Lodi Ave to Pine St

Project Description

This project includes reconstruction of the pavement with asphalt concrete and a new base. The widening is from Lodi Ave to Walnut St to provide a transition from 4 lanes south of Lodi to 2 lanes north of Walnut.

The Master Plan for this street calls for 4 lanes from Lodi Ave to Lockeford St, however the interim plan for this project adopted in 1982 did not include the full widening.

Preliminary engineering funds were appropriated in 1988/89 and Right-of-Way funds are proposed for 1989/90. The Right-of-Way acquisition will be per the Master Plan (10 ft. on each side for a total width of 80 ft).

Prior to design of the project, alternatives on the actual curb alignment will be brought to the City Council for public review and a decision.

Related Projects

A master Storm Drain line is planned in Hutchins St from Walnut to Elm. Funds for this line have been appropriated. The project has been delayed until the design for the project is determined.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of</u>	<u>ENR</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
		<u>Estimate</u>	<u>Index</u>	<u>ENR Index:</u>	<u>4956</u>
Prelim Eng: already appropriated	\$ 10,000				
EIR: completed in 1982					
Rights of Way: already appropriated	65,000				
Easements: East side already acquired					
Consultants:					
Design Eng.:					
Construction: (prelim. estimate based on 0.3 AC/0.5 AB & 75% of curb & gutter replaced)	231,000	Dec-86	4348		\$ 263,000
Other:					

Total Cost: \$ 263,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi
Public Works Department

Streets Capital Improvement Program
Hutchins St. Frontage Road Extension
600' N/Century Blvd.

Project Description

This project consists of the extension of the frontage road on the east side of South Hutchins Street immediately north of the athletic club. This gap is in front of an older home which predates the adjacent development. Construction of the frontage road would remove all the front yard and require modification of the front porch.

Unless traffic problems dictate action, this project can be deferred.

Related Projects

Project Number:					
<u>Estimated Costs</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
<u>Item</u>				<u>ENR Index:</u>	<u>4992</u>
Prelim Eng:					
EIR: to be determined					
Rights of Way: assuming entire parcel is not purchased	60,000	Jan-81	3382	estimated date	\$ 89,000
Easements:					
Consultants: appraisal	3,000	Jan-81	3382		\$ 4,000
Design Eng.:					
Construction:	9,000	Jan-81	3382		\$ 13,000
Other:					

Total Cost: \$ 106,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program Hwy 12/Kettleman Lane Widening

Project Description

This project consists of the City's share of the construction of Hwy 12/Kettleman Lane. This major arterial street is to be 118 feet in width (R/W). Under the terms of the City's Development Impact Fee Program Ordinance and Public Improvement Reimbursement Ordinance the width in excess of 68 feet is not the adjacent developer's responsibility. Also included is the cost of relocating the traffic signal at Hwy 12/Lower Sacramento Rd. per previous Council action. Construction will be done by the adjacent developer and the City share will be paid to the developer as part of the public improvement agreement. The cost includes an allowance for right-of-way, construction costs and 10% for engineering and administration.

Also included in this project is the widening of Hwy 12 under the Hwy 99 overcrossing. This could involve an entire reconstruction of the 99/12 interchange and must begin with a "Project Study Report" (PSR) done per Caltrans guidelines. The interchange work was listed as a Measure K project, thus Caltrans has initiated the portion of the PSR related to the interchange. The City has appropriated funds for the remainder of the PSR on Hwy 12 west of 99.

The widening within the developed area is assumed to be done by restriping the existing pavement which may not be approved by Caltrans due to changes in their design standards. This will be resolved in the Project Study Report.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of</u>	<u>ENR</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
		<u>Estimate</u>	<u>Index</u>	<u>ENR Index:</u>	<u>4992</u>
Prelim Eng:					
EIR: with adjacent project clearance & EIR after PSR					
Rights of Way:					
Easements:					
Consultants: project study report	92,000			already budgeted	
Design Eng.:					
Construction: Restripe LSR to Ham	22,000	Jan-90	4673		\$ 24,000
Restripe Ham to Stockton	22,000	Jan-90	4673		\$ 24,000
Restripe Stockton to Cherokee	12,000	Jan-90	4673		\$ 13,000
Widen Beckman to Guild					
Phase 1, East of Beckman	259,500	Jan-90	4673		\$ 277,000
Phase 2, East of Guild	259,500	Jan-90	4673		\$ 277,000
Widen LSR to 1/2mi. west	178,000	Jan-90	4673		\$ 190,000
99/12 Interchange	5,106,000	Jan-90	4673		\$ 5,455,000
12/LSR signal relocation NE corner	50,000	Jul-92	4992		\$ 50,000
(assume west side w/LSR project)					

Total Cost: \$ 6,310,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Lockeford Street Widening

Church Street to Cherokee Lane

Project Description

This project consists of widening and reconstructing Lockeford Street to 4 lanes plus parking or with 4 lanes plus a left turn lane and no parking at critical intersections and driveways. It is recommended that preliminary engineering be budgeted separately earlier to determine if a reduced section will be acceptable or if the project should be built in phases as the Right-of-Way acquisitions and work with the adjacent railroad will be difficult and expensive. Drainage and traffic signal projects within this segment are budgeted separately.

The pavement east of the SPRR was overlaid in 1990 providing a reasonable surface so the widening can be delayed until traffic volumes increase. The section west of the SPRR was improved a few years earlier and has left turn lanes.

Widening on the north side will require significant tree removals between Church and School Streets and fronting Lawrence Park.

Related Projects Lockeford St. Storm Drain - Washington to Cherokee
Calaveras St. Storm Drain - Lockeford to Pioneer
Lockeford/Stockton Traffic Signal
Lockeford/Sacramento Traffic Signal

Project Number:

<u>Estimated Costs</u>	<u>Amount</u>	<u>Date of</u>	<u>ENR</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
<u>Item</u>		<u>Estimate</u>	<u>Index</u>	<u>ENR Index:</u>	<u>4992</u>
Prelim Eng:	\$ 21,000	Jun-90	4735		\$ 22,000
EIR:	40,000	Jun-90	4735		\$ 42,000
Rights of Way: SPRR to Stockton	255,000	Jun-90	4735		\$ 269,000
Stockton to Cherokee	210,000	Jun-90	4735		\$ 221,000
Consultants:					
Design Eng.:					
Construction: Church to SPRR (N. side)	154,000	Jun-92	4973		\$ 155,000
SPRR to Stockton	374,000	Jun-90	4735		\$ 394,000
Stockton to Cherokee	367,000	Jun-90	4735		\$ 387,000
Other:					

Total Cost: \$ 1,490,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI
PUBLIC WORKS DEPARTMENT

Streets CIP

Lodi Avenue Widening

Project Description

This project consists of the City's share of the construction of Lodi Avenue Blvd. This secondary arterial street is 80 feet in width (R/W). Under the terms of the City's Development Impact Fee Program Ordinance and Public Improvement Reimbursement Ordinance the width in excess of 68 feet is not the adjacent developer's responsibility. Construction will be done by the adjacent developer and the City share will be paid to the developer as part of the public improvement agreement. The cost includes an allowance for right-of-way, construction costs and 10% for engineering and administration.

This project is included in the Development Impact Fee Program.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4956</u>
Prelim Eng:					
EIR: per adjacent project					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: Minor widening E/Cherokee	33,000	Jan-90	4673		\$ 35,000
Restripe E/Cherokee	13,000	Jan-90	4673		\$ 14,000
Widen W/Lower Sac. Rd.	84,000	Jan-90	4673		\$ 89,000
Other:					

Total Cost: \$ 138,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Stockton St. Widening

Harney Lane to Kettleman Lane

Project Description

This project consists of the City's share of the construction of Stockton St. This secondary arterial street is 80 feet in width (R/W). Under the terms of the City's Development Impact Fee Program Ordinance and Public Improvement Reimbursement Ordinance the width in excess of 68 feet is not the adjacent developer's responsibility. Construction will be done by the adjacent developer and the City share will be paid to the developer as part of the public improvement agreement. The cost includes an allowance for construction costs and 10% for engineering and administration. With the existing R/W, the additional amount dedicated will not exceed 34 ft. Based on the condition of the existing street, a portion of the work may consist of an overlay.

This project is included in the Development Impact Fee Program.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: Harney to Kettleman, East Side (budget two phases, actual to coincide w/adjacent development)	81,000	Jan-90	4673		\$ 87,000
Other:					

Total Cost: \$ 87,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Streets CIP

Turner Road Widening

Project Description

This project consists of the City's share of the construction of Turner Road. This secondary arterial street is 80 feet in width (R/W). Under the terms of the City's Development Impact Fee Program Ordinance and Public Improvement Reimbursement Ordinance the width in excess of 68 feet is not the adjacent developer's responsibility. Construction will be done by the adjacent developer and the City share will be paid to the developer as part of the public improvement agreement. The cost includes an allowance for right-of-way, construction costs and 10% for engineering and administration.

This project is included in the Development Impact Fee Program.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4956</u>
Prelim Eng:					
EIR: per adjacent project					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: Overpass widening	1,500,000	Jan-90	4673		\$ 1,591,000
Widening E/Guild	22,000	Jan-90	4673		\$ 23,000
Restriping E/Beckman	11,000	Jan-90	4673		\$ 12,000
Widening W/LSR (2 phases)	84,000	Jan-90	4673		\$ 89,000
Other:					

Total Cost: \$ 1,715,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.
Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Streets CIP

Victor Road Widening

Project Description

This project consists of the City's share of the construction of Victor Road (Hwy 12). This secondary arterial street is 80 feet in width (R/W). Under the terms of the City's Development Impact Fee Program Ordinance and Public Improvement Reimbursement Ordinance the width in excess of 68 feet is not the adjacent developer's responsibility. Construction will be done by the adjacent developer and the City share will be paid to the developer as part of the public improvement agreement. The cost includes construction costs and 10% for engineering and administration. The project estimate assumes no Right-of-Way will be purchased. However, based on updated Caltrans standards, this assumption may not be appropriate. This will be resolved in the preliminary engineering stage.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4956</u>
Prelim Eng:					
EIR: assumed Neg. Dec. (by Community Dev. Dept.)					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	342,000	Jan-90	4673		\$ 363,000
Other:					

Total Cost: \$ 363,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Almond Drive Improvements

Cherokee Lane to Stockton Street

Project Description

This project includes an overlay of the developed portion of Almond Drive east of Cherokee Lane and reconstruction of the west portion. The east portion was reconstructed in segments as the adjacent property developed and has numerous utility cuts and patches. The pavement was designed for an overlay which was to be installed as development was completed.

The west portion was recently annexed and is scheduled for development on the south side (Colvin Ranch) in 1992/93. This project will be installing curb, gutter and sidewalk and some paving on the south side including the frontage of three existing homes. This reconstruction project will pay for the north side and the south side of the existing street fronting the three homes. The estimate includes utility stubs for the north side. A portion of this work is eligible for a reimbursement agreement which the Council could adopt. The agreement would require development on the north side to reimburse the City for the applicable improvement costs.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:					
EIR: exempt, w/adjacent project					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: overlay	55,000	Jun-90	4735		\$ 58,000
reconstruct	48,000	Jul-92	4992		\$ 48,000
Other:					

Total Cost: \$ 106,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Cherokee Lane Rehabilitation

Century Boulevard to Pioneer Drive

Project Description

This project consists of overlaying Cherokee Lane with asphalt concrete of various thicknesses with a pavement reinforcing fabric and selective grinding. The work is similar to that done on the southbound lanes from Poplar St. to Kettleman Lane and at the northbound approach at Kettleman Lane in 1992. A section of missing curb and gutter south of Vine Street on the west side is also included in the estimate. Replacement of the existing pavement striping and markers is also included.

Long term improvements to Cherokee Lane (median, new curb, gutter, sidewalk, planter strips & landscaping, street lighting) are not included.

The pavement condition will allow deferral of this project although the southbound lanes south of Vine Street should be done in the mid 1990's. The segments shown are for estimating and budgeting purposes and could be lumped into larger projects if funding permits.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:					
EIR: exempt					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: Century to Kettleman	222,000	Jun-90	4735		\$ 234,000
Kettleman to Poplar, NB lanes	59,000	May-92	4965		\$ 59,000
Poplar to Vine	158,000	Jan-92	4887		\$ 161,000
Vine to Lodi	150,000	Jun-91	4818		\$ 155,000
Lodi to Pioneer	346,000	Jun-91	4818		\$ 358,000
Other:					

Total Cost: \$ 967,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi
Public Works Department

Streets Capital Improvement Program
Church Street Overlay
Kettleman Lane to Vine Street

Project Description

This project consists of a 0.15 ft. asphalt concrete overlay with grinding and pavement reinforcing fabric and curb & gutter repairs. The street has been deflection tested and is ready for an overlay. It should not be deferred beyond FY 93/94.

The estimate includes the installation of thirteen handicap ramps.

Related Projects 8" water main north of Kettleman Lane

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:					
EIR: exempt					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	231,000	Jun-92	4973		\$ 232,000
Other:					

Total Cost: \$ 232,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI
PUBLIC WORKS DEPARTMENT

Streets CIP
Houston Lane Overlay
Pine St - SR 12

Project Description

This project consists of overlaying Houston Lane from Pine Street to State Route 12 with 0.2' of asphalt concrete and pavement reinforcing fabric. The pavement along the gutter line will be ground to maintain the pavement cross slope at the toe line.

This project has been submitted for partial funding under Cycle 3 of the State-Local Partnership Program which has a maximum State funding level of 50%. Normally, the actual funding would likely be approximately 15 to 20 %, however due to the State budget crunch, Cycle 3 funding will only consist of left-over funds from Cycle 2. Since there is no certainty of this, no additional funding should be assumed..

If accepted by the State, the project must be awarded by June of 1993.

Project Number:

<u>Estimated Costs</u>					
<u>Item</u>	<u>Amount</u>	<u>Date of</u>	<u>ENR</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
		<u>Estimate</u>	<u>Index</u>	<u>ENR Index:</u>	<u>4956</u>
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	44,000	Jun-91	4818		\$ 45,000
Other:					

Total Cost: \$ 45,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.
Construction includes contract administration & inspection unless shown otherwise.



City of Lodi
Public Works Department

Streets Capital Improvement Program
Hutchins Street Overlay

Kettleman Lane to Harney Lane (southbound only)

Project Description

This project consists of a 0.15 ft. asphalt concrete overlay with grinding and pavement reinforcing fabric on the southbound lanes only. The northbound lanes were constructed at an earlier date and were overlayed in 1986. The street has been deflection tested and the overlay could be deferred. It is recommended that it not be delayed past FY 94/95.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
				<u>ENR Index:</u>	<u>4992</u>
Prelim Eng:					
EIR: exempt					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	157,000	Jun-92	4973		\$ 158,000

Other:

Total Cost: \$ 158,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi
Public Works Department

Streets Capital Improvement Program

Lodi Avenue Rehabilitation

Cherokee Lane to Main St.

Project Description

This project consists overlaying Lodi Avenue with 0.20 ft. of asphalt concrete with pavement reinforcing fabric. The project also includes pavement grinding along the toe lines and pavement digouts and spot gutter repairs.

The estimate assumes removal of the CCT tracks based on recent discussion with the railroad. However, this process will take nearly four years to resolve. If the tracks are to remain, they will need to be rebuilt to present standards.

In the interim, some repairs to the tracks must be made. The estimate includes City participation in the repair work to the extent of replacing the pavement within and adjacent to the tracks.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: interim paving w/rail repairs by CCT	22,200	Jul-92	4992		\$ 22,000
overlay, misc work	251,000	Jul-91	4818		\$ 260,000
track removal, replace with structural section	84,000	Jul-92	4992		\$ 84,000
Other:					

Total Cost: \$ 366,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi
Public Works Department

Streets Capital Improvement Program
Mills Avenue Overlay
Tokay Street to Vine Street

Project Description

This project consists of a 0.15 ft. asphalt concrete overlay, pavement grinding and reinforcing fabric. The street has been deflection tested and the overlay can be deferred until FY 93/94 or 94/95.

The estimate includes the installation of eight handicap ramps at curb returns.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:					
EIR: exempt					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	87,000	Jun-92	4973		\$ 87,000
Other:					

Total Cost: \$ 87,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Oak Street Reconstruction

Pacific Avenue to Ham Lane

Project Description

This project consists of reconstructing Oak Street from Pacific Avenue to Ham Lane with 0.35 ft. of full depth asphalt concrete pavement.

This street was originally included in the overlay project on Pacific Avenue but was deleted due to the high crown. Grinding the entire pavement width to reduce the crown prior to an overlay was not considered feasible due to the grinding cost and condition of the existing pavement.

The estimate includes some minor curb, gutter and sidewalk replacement.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	74,300	Jun-91	4818		\$ 77,000

Other:

Total Cost: \$ 77,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Streets CIP Sacramento Street Rehabilitation Lodi Ave to Lockeford St

Project Description

This project consists of rehabilitating Sacramento Street by:

1. Removing old railroad tracks and ties in the center of the street.
2. Reconstructing the center portion.
3. Replacing portions of the curb and gutter north of Locust Street and south of Oak Street.
4. Overlaying the entire street with 0.2' AC.

Related Projects

1. Downtown Improvement District - City work @ Arch
2. Curb and gutter replacement on Sacramento Street from Oak to Locust

Project Number:

<u>Estimated Costs</u>	<u>Amount</u>	<u>Date of</u>	<u>ENR</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
<u>Item</u>		<u>Estimate</u>	<u>Index</u>	<u>ENR Index:</u>	<u>4956</u>
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	206,000	Jun-90	4735		\$ 216,000
Other:					

Total Cost: \$ 216,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI
PUBLIC WORKS DEPARTMENT

Streets CIP
Sacramento Street Rehabilitation
Vine St - Park Ave

Project Description

This project originally consisted of overlaying Sacramento Street from Vine Street to Park Avenue with 0.15' asphalt concrete and pavement reinforcing fabric. In performing deflection testing of the street and determining the traffic loading, a thicker overlay was required, mainly due to the heavy truck and fork lift loads from the adjacent industrial uses. This will cause an unacceptably steep cross slope.

An alternative for reconstruction with concrete pavement is being evaluated. The preliminary cost for concrete is shown below.

Project Number:

<u>Estimated Costs</u> <u>Item</u>	<u>Amount</u>	<u>Date of</u> <u>Estimate</u>	<u>ENR</u> <u>Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4956</u>
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	123,000	Jul-91	4818		\$ 127,000
Other:					

Total Cost: \$ 127,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.
Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Stockton Street Reconstruction

Tokay Street to Lodi Avenue

Project Description

This project consists of reconstructing Stockton Street with new pavement and curb & gutter as approved by the City Council in 1982 as part of the Stockton Street widening project from Kettleman Lane to Lodi Avenue.

This segment was not approved for any widening, which, at its present width of 40 ft., does not allow for a two-way left turn lane as exists further south on the street. Since the reconstruction includes replacing practically all the curb and gutter, it is appropriate that the Council reconsider the decision on the width of the street. Thus, preliminary engineering is shown separately so the matter can be considered before a final project budget is adopted. A separate estimate for an interim overlay is shown for information.

Related Projects The 8" water main between Tokay and Lodi needs to be lowered and upgraded to 10". Also, a P.G.&E. gas main is located under the trees on the west side of the street, which, if they are to be removed, the gas main will need to be relocated.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:	\$ 10,000	Jul-92	4992		\$ 10,000
EIR: done in 1982					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: reconstruction	271,000	Jun-90	4735		\$ 286,000
overlay (short term alternate)	83,000	Jun-90	4735	\$ 88,000	
Other:					

Total Cost: \$ 296,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Streets CIP

Stockton Street Overlay

Lodi Ave - Lockeford St

Project Description

This project includes an asphalt concrete overlay with pavement reinforcing fabric.

Although the City's Street Master Plan calls for this street to ultimately be widened to 4 lanes (64 ft. curb to curb), widening will not be needed within the life time of the overlay due to relatively low existing traffic volumes.

Preliminary design work done in spring 1990 determined the need for curb and gutter work beyond the scope of the original estimate. Also the Circulation Study done as part of the General Plan update indicates that a 3-lane facility (2 lanes plus 2-way left turn lane) is appropriate for Stockton Street.

The recommended project includes the minor widening on one side of the street to accomodate 3 lanes plus parking. The portion north of Locust Street is estimated separately due to funding constraints. Also this portion on the west side has no sidewalk. Based on past City practice, the property owners will be required to install the sidewalk. This will take time to implement.

Related Project

Hale Park Improvement - driveway location on Stockton Street

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4956</u>
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: (prelim. estimate based on 0.2' AC plus fabric & 15% of C&G replaced; structural section verified by 1989 testing)	159,000	Jun-84			
Lodi to Locust	215,000	Jun-90	4735		\$ 225,000
Locust to Lockeford	52,000	Jun-90	4735		\$ 54,000
Other:					

Total Cost: \$ 279,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI
PUBLIC WORKS DEPARTMENT

Streets CIP
Stockton Street Rehabilitation
Lockeford St - Turner Rd

Project Description

This project includes the overlay and partial reconstruction of Stockton Street, including minor widening at Lawrence School. This will allow proper alignment and addition of a center turn lane north of Lawrence Ave. The portion south of Lawrence Ave. would require widening and removal of trees to accomodate a center turn lane which is not recommended at this time.

It was assumed the right-of-way at Lawrence School would be dedicated at no cost to the City.

Project Number:

<u>Estimated Costs</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
<u>Item</u>				<u>ENR Index:</u>	<u>4956</u>
Prelim Eng:	\$ 10,000	Jan-92	4887		\$ 10,000
EIR: assumed Neg. Declaration (by Community Dev. Dept.)					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: Lockeford to Turner	410,000	Jan-92	4887		\$ 416,000
C&G, shoulder widen., E. side @ Lawrence School	26,000	Jun-90	4735		\$ 27,000
Other:					

Total Cost: \$ 453,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

-92
56

225,000
54,000

9,000



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Streets CIP
Tokay Street Rehabilitation
Church St. to Mills Ave.

Project Description

This project includes pavement rehabilitation and minor curb & gutter repairs on Tokay Street in phases as shown. The work includes pavement reinforcing fabric and grinding along the gutters as indicated. This street was tested a few years ago and some segments indicated a need for a thick overlay, too thick for the existing crown. Additional testing and preliminary engineering will be done prior to design engineering; a portion may need to be reconstructed in which case it might be appropriate to defer that segment.

Church to Hutchins - 0.20' AC, fabric, grinding;

Hutchins to Fairmont - 0.20' AC, fabric, grinding; cross slope problem; included in State/Local partnership Cycle 3 with June 1993 deadline although funding may not be available.

Fairmont to Virginia - 0.15' AC, fabric, grinding; submitted as Cycle 3 project although project should be deferred.

Virginia to Mills - 0.15' AC, fabric, grinding; can defer

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-92 ENR Index:</u>	<u>4956</u>
Prelim Eng:						
EIR:						
Rights of Way:						
Easements:						
Consultants:						
Design Eng.:						
Construction: Church to Hutchins	54,300	Jan-92	4887			\$ 55,000
Hutchins to Fairmont	72,600	Jul-91	4818			\$ 75,000
Fairmont to Virginia	78,100	Jul-91	4818			\$ 80,000
Virginia to Mills	46,000	Jan-92	4887			\$ 47,000
Other:						

Total Cost: \$ 257,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program Miscellaneous Structural Overlays

Various Locations

Project Description

This "project" consists of unspecified overlays and other pavement rehabilitation projects in future years. It is not practical to schedule specific rehabilitation on most streets more than a few years in advance. Since the capital improvement program projects funding through the General Plan year of 2007, this "project" is set up to set aside funding for capital pavement maintenance projects in the later years of the program.

The amount shown will provide funding comparable to that being provided early in the program where specific projects and costs are known. This average annual amount is approximately \$760,000. Thus a 5 year total should be approximately \$3.8 million to maintain our current level of service. Strictly speaking, this amount should increase as the number of street miles increases.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
				<u>ENR Index:</u>	<u>4992</u>
Prelim Eng:					
EIR: exempt					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:					

Other:

Total Cost: \$ varies

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

Jul-92
4956

\$ 55,000
\$ 75,000
\$ 80,000
\$ 47,000

257,000



City of Lodi

Public Works Department

Streets Capital Improvement Program

WID Box Culvert Improvements

various street crossings

Project Description

This project consists of improvements to street crossings of the Woodbridge Irrigation District canal at the following locations:

Lower Sacramento Road, south of Lodi Ave. - reconstruct - The existing box culvert is not long enough to provide for the ultimate widening of Lower Sacramento Rd and is not large enough to provide the required freeboard. In addition to reconstructing the structure, the work includes relocating a 10" water main and miscellaneous street work including requiring improvements on Lower Sacramento Road guaranteed by the subdivider of the Lobaugh Subdivision.

Mills Avenue S/Vine St. - New - This box culvert is needed to complete Mills Avenue as called for in the Street Master Plan.

Harney Lane W/Ham Ln. - widen existing - The existing box culvert needs to be widened to accommodate the future width of Harney Lane. (76 ft. curb to curb)

Turner Road @ west City Limits - widen/reconstruct - This existing culvert needs to be replaced and widened in conjunction with San Joaquin County.

These projects were included in the Development Impact Fee Program

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:					
EIR: w/adjacent project					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: Lower Sacramento Rd.	296,000	Jan-90	4673		\$ 316
Mills Avenue	141,000	Jan-90	4673		\$ 151
Harney Lane	216,000	Jan-90	4673		\$ 231
Turner Road	150,000	Jan-90	4673		\$ 160
Other:					

Total Cost: \$ 858

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Lilac Street WID Bridge Replacement

Lilac St. N/Academy St.

Project Description

This project consists of the replacement of the deteriorated bridge over the WID canal on Lilac St. The canal crossing is in San Joaquin County Right-of-way immediately adjacent to the north City limits. The County is the lead agency in this project and has asked for City participation in the cost of the project. The County intends to use Federal Bridge Replacement Program funds for 80% of the cost and has asked the City to share the remaining 20% equally. It is typical for Cities and the County to share the cost of such "border" projects and such a sharing has been assumed in the City's impact fee program for other canal and railroad crossing widenings.

The City limit includes Lilac Street south of the canal the vacant land on the west side of Lilac. The east side is in the County and is already developed and served by County utilities and it is unlikely it will annex in the future. Thus, an equal cost sharing with the County may not be justified. Staff recommends the City contribute 10% of the contract award amount rather than the entire project cost. This will reduce our cost slightly and allow a very simple letter agreement rather than a full scale cooperative agreement for the project, saving administrative time for both agencies.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:					
EIR: by San Joaquin Co.					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	382,000	Jul-92	4992		\$ 382,000
City share per above estimated to be \$35,000					
Other:					

Total Cost: \$ 382,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi
Public Works Department

Streets Capital Improvement Program
Railroad Crossing Improvements
various locations

Project Description

This project consists of various new railroad crossings and safety improvements to existing crossings as described below. Funding for new crossings is included in the Streets Development Impact Mitigation Program. These crossings should be funded as adjacent development occurs and as fee revenue permits. The estimate for new crossings includes gates and rubberized or concrete crossing surfaces.

Related Projects

Project Number:

Estimated Costs
Item

Amount Date of ENR Updated Cost for: Jul-92
Estimate Index ENR Index: 4992

Prelim Eng:
EIR: exempt; w/adjacent project; General Plan EIR

Rights of Way:
Easements:

Consultants:

Design Eng.:

Construction:	Locust St. @ SPRR, new sidewalk	29,000	Jun-87	4387		\$ 33,000
	Cherokee @ SPRR; gates & median (defer)	19,950	Jun-91	4818	RR may be aban'd	\$ 21,000
	Lower Sac. @ SPRR, upgrade xing	202,000	Jan-90	4673	50% S.J. Co.	\$ 216,000
	Guild Ave. @ SPRR; upgrade xing (defer)	202,000	Jan-90	4673	RR may be aban'd	\$ 216,000
	Victor Rd. @ CCT; upgrade xing	222,000	Jan-90	4673		\$ 237,000
	Beckman Rd. @ CCT S/Lodi; upgrade xing	227,000	Jan-90	4673		\$ 242,000
	Guild Ave. @ CCT S/Lodi; new xing	215,000	Jan-90	4673		\$ 230,000
	Thurman St. @ CCT; new xing	189,000	Jan-90	4673		\$ 202,000
	Kettleman Ln. @ CCT 1/4 mi E/Guild	215,000	Jan-90	4673	50% S.J. Co.	\$ 230,000
	Harney Ln. @ SPRR 1/4 mi E/Hutchins	202,000	Jan-90	4673		\$ 216,000

Other:

Total Cost: \$ 1,843,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Lodi Avenue Underpass @ SPRR

Project Description

This project is the construction of a grade separation (underpass) at the Southern Pacific Railroad crossing on Lodi Avenue. (crossing # D-103.1) This project will involve significant acquisition of right-of-way, including entire businesses. Included in the estimate is the relocation of the Central California Traction Co. tracks which run in Lodi Avenue and connect to the SP R/W.

Closure of Main and Sacramento Streets will be necessary. Based on rough calculations by City staff, Stockton and School Streets can remain open. The cost of maintaining train traffic during construction is not included in the estimate.

In order to develop more precise plans of needed R/W and street closures and to provide an accurate cost estimate, a significant preliminary engineering effort will be needed. The amount shown is a rough estimate and will need to be revised once a scope of work is developed and a proposal received from a consulting firm.

This project is eligible for \$3.75 million in Measure K funds.

Related Projects

Project Number:

Estimated Costs

Item	Amount	Date of Estimate	ENR Index	Updated Cost for: ENR Index:	Jul-92 4992
Prelim Eng:	\$ 50,000	Jul-92	4992		\$ 50,000
EIR: to be determined					
Rights of Way:	5,200,000	Jan-90	4673		\$ 5,555,000
Easements:					
Consultants: EIR, design (included w/const.)					
Design Eng.:					
Construction:	5,642,000	Jan-90	4673		\$ 6,027,000
Other:					

Total Cost: \$ 11,632,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program Railroad Crossing Surface Improvements

Project Description

This project consists of renovating existing railroad street crossing surfaces with either concrete or rubber manufactured surfaces. Presently, the railroad companies maintain the asphalt concrete surfaces whenever the City can convince them the surface needs repairs. On a heavily used crossing, this can occur in as little as five years from a major renovation.

This is a new program for the City of Lodi, thus the estimates are very rough, based on figures used in the City of Visalia for their program in which the City participated in the construction with its own forces (pavement removal, excavation, traffic control and furnishing rubber crossing surface panels. The actual degree of railroad participation in the cost is yet to be determined. Estimates for the total project if done by the railroad would be roughly double.

The crossings listed below are in order of highest vehicular volume first and is certainly not complete. Private spur lines and tracks running parallel with the street (such as SPRR in Lockeford St.) are not included. Other considerations, such as a possible grade separation at Lodi Ave. will affect the order in which the work would be done. If Council wishes to embark on this program, it is recommended preliminary engineering be budgeted first in order to refine costs, priorities and railroad participation.

Related Projects

Project Number:

Estimated Costs

<u>Estimated Costs</u>				Date of	ENR	Updated Cost for:	Jul-92
<u>Item</u>			<u>Amount</u>	<u>Estimate</u>	<u>Index</u>	<u>ENR Index:</u>	<u>4956</u>
Prelim Eng: material selection, cost, RR participation			\$ 5,000	Jul-92	4956		\$ 5,000
EIR: exempt							
		<u>Footage</u>	<u>\$/ft.</u>				
Construction: Lodi Ave. / SPRR (2 sets)	160	\$350.	56,000	Jan-90	4673		\$ 59,000
Turner @ Mills / SPRR	240	\$350.	84,000	Jan-90	4673		\$ 89,000
Ham Ln. / SPRR	80	\$350.	28,000	Jan-90	4673		\$ 30,000
Harney Ln. / SPRR	40	\$350.	14,000	Jan-90	4673		\$ 15,000
Tokay St. / SPRR (3 sets)	180	\$350.	63,000	Jan-90	4673		\$ 67,000
Tokay St. / CCT (3 sets)	215	\$350.	75,250	Jan-90	4673		\$ 80,000
Pine St. / SPRR (3 sets)	240	\$350.	84,000	Jan-90	4673		\$ 89,000
Elm St. / SPRR (3 sets)	240	\$350.	84,000	Jan-90	4673		\$ 89,000

Other:

Total Cost: \$ 523,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

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City of Lodi

Public Works Department

Streets Capital Improvement Program

Miscellaneous Widening/Reconstruction

Various Locations

Project Description

This project covers the cost of small widening or reconstruction projects which cannot be foreseen at budget time. Usually these projects consist of work done in conjunction with a development project or a property owner. For example, if an owner is relocating a driveway on a street that will ultimately be widened, the City would require the widening and pay for the replacement of the remainder of the curb, gutter, sidewalk and paving along the frontage at the ultimate width.

The amount budgeted is based on recent expenditure history:

FY	Amount
90/91	\$43,096
89/90	\$29,585
88/89	\$22,862
87/88	\$38,776
86/87	\$54,538

Related Projects

Project Number:

Estimated Costs

Item

Amount

Date of
Estimate

ENR
Index

Updated Cost for:
ENR Index:

Jul-92
4992

Prelim Eng:

EIR: exempt; w/adjacent project

Rights of Way:

Easements:

Consultants:

Design Eng.:

Construction:

Other:

Jul-92
4956

\$ 5,0

\$ 59,0

\$ 89,0

\$ 30,0

\$ 15,0

\$ 67,0

\$ 80,0

\$ 89,0

\$ 89,0

523,00

Total Cost: \$ 50,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Miscellaneous Curb & Gutter Replacements

Various Locations

Project Description

This project covers the cost of curb & gutter replacements not done as part of another project. Usually these projects consist of work done in conjunction with a development project or a property owner. For example, if an owner is replacing a driveway or sidewalk and the adjacent gutter was in very poor condition, the City would pay for replacement.

There is no formal criteria for deciding on whether to replace or not. Because of the large amount (and cost) of work that could be done, water must stand well into the pavement and be causing distress before replacement is done.

The amount budgeted is based on recent expenditure history:

FY	Amount
90/91	\$12,347
89/90	\$370
88/89	\$2,464
87/88	\$6,228
86/87	\$104,026

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
				<u>ENR Index:</u>	<u>4992</u>
Prelim Eng:					
EIR: exempt; w/adjacent project					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:					
Other:					

Total Cost: \$ 15,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

am
ments



City of Lodi

Public Works Department

Streets Capital Improvement Program

Miscellaneous Sidewalk Replacements

Various Locations

Project Description

This project covers the cost of sidewalk replacements not done as part of another project. Usually this work is done in conjunction with the sidewalk repair and replacement program. The City periodically inspects all the sidewalk in the City and makes temporary repairs with asphalt concrete at hazardous locations and schedules replacement on the worst locations as funds allow in accordance with the "Sidewalk Repair Policy" adopted by the City Council in 1985.

The amount budgeted is based on past Council policy. Recent expenditure history is:

FY	Amount
90/91	\$47,707
89/90	\$57,197
88/89	\$54,585
87/88	\$53,286
86/87	\$51,112

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of</u>	<u>ENR</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
		<u>Estimate</u>	<u>Index</u>	<u>ENR Index:</u>	<u>4992</u>
Prelim Eng:					
EIR: exempt					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:					
Other:					

Jul-92
4992

15,00

Total Cost: \$ 50,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

CURB, GUTTER & SIDEWALK REPAIR POLICY

Property owners or tenants have the responsibility to report to the City of Lodi all defective sidewalk fronting their property.

I. SIDEWALK REPAIR

- A. TEMPORARY PATCHING - The City shall patch sidewalk where there is $\frac{3}{4}$ " - $1\frac{1}{2}$ " vertical offset or minor irregularities. This will be done at no charge to the property owner. The property owner or tenant has the responsibility to notify the City of any change in the condition of the sidewalk or the patched area.
- B. SIDEWALK REPLACEMENT - Sidewalks shall be removed and replaced when vertical offset is greater than $1\frac{1}{2}$ ".
 - 1. Sidewalk and driveway apron replacement will be done by City under the following conditions:
 - a. Damage caused by City-maintained trees
 - b. Damage due to grade subsidence
 - c. Damage due to City utility cuts
 - d. Damage due to heat expansion
 - e. Sidewalk fronting City-owned property
 - 2. Property owner shall replace sidewalk and driveway apron where the hazardous condition is caused by something other than the above categories. The property owner shall have a licensed contractor do the work within a prescribed time. If, after formal notice by the City, the repairs are not completed within that time, the City shall make the repairs and assess the property owner.

II. CURB AND GUTTER REPAIR

- A. The City shall repair and maintain all curb and gutter.

III. TREE MAINTENANCE

- A. The City shall do root surgery on all City-maintained trees where it is required. City shall remove City-maintained trees when required under City's adopted Tree Policy. This work will be done in conjunction with the replacement of the sidewalk and/or the curb and gutter.
- B. The City shall not do root surgery on any privately-owned trees.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Handicap Ramp Installations

Various Locations

Project Description

This project includes the installation of new handicapped ramps at needed locations. We have requests for over 40 locations.

At present there is no formal priority list of requested locations. Candidate locations based on citizen requests include Lodi Lake Park entrances and adjacent street corners, near schools, medical facilities, churches and other public facilities.

Past amounts budgeted (\$5,000/yr) is insufficient to do more than three locations at best. If the installation requires relocation of a catch basin, then only one ramp can be installed. The recommended increased amount (\$15,000) will allow a more effective retrofit program.

Ramps are included in estimates for street reconstruction projects and overlay projects involving paving or curb & gutter replacement at curb returns.

Recent expenditure history is:

FY	Amount
90/91	\$13,256
89/90	\$0
88/89	\$7,170

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of</u>	<u>ENR</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
		<u>Estimate</u>	<u>Index</u>	<u>ENR Index:</u>	<u>4992</u>
Prelim Eng:					
EIR: exempt					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:					
Other:					

Total Cost: \$ 15,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Overlay Analysis / Design

Various Streets

Project Description

This project covers the cost of consulting fees and testing services involved in doing preliminary designs for pavement overlays.

The process begins in the Street Maintenance Division which conducts biennial ratings of all the City's streets. The ratings are used in a computerized pavement maintenance management program. The program suggests various maintenance techniques for each street segment. Streets recommended for overlays 1" or thicker are handled under the Capital Improvement Program.

The structural overlay design process includes obtaining and projecting truck counts to determine the design loads (traffic index) and determining the structural value of the existing pavement. The traffic index is calculated by City staff. The structural value is determined by a consultant using the "Dynalect" nondestructive pavement testing device. This device places a 1000 lb. oscillating load on the pavement and the pavement's movement (deflection) is measured. The results are analyzed using a Caltrans developed procedure. The results are then reviewed with City staff and a final recommendation as to the overlay thickness, need for fabric, or deferral of the project is made.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>	<u>Jul-92</u>
Prelim Eng:						
EIR: exempt						
Rights of Way:						
Easements:						
Consultants:						
Design Eng.:						
Construction:						
Other:						

Total Cost: \$ 6,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi

Public Works Department

Streets Capital Improvement Program

Hutchins Street Median Landscaping

Vineyard Drive to Kettleman Lane

Project Description

This project includes the installation of an irrigation system, plants and other improvements as described in the following medians:

- Hutchins St. - Vineyard to Century (plants, mounds & cobbles)
- Hutchins St. - Century to Kettleman (plants, raised planter, arbor)
- Century Blvd. - at Hutchins St. (plants, cobbles, concrete)
- Hutchins frontage road - Century to Mendocino (plants, cobbles, trees/tree wells)

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>Jul-92 ENR Index:</u>
Prelim Eng:					
EIR: exempt					
Rights of Way:					
Easements:					
Consultants: to be determined					
Design Eng.:					
Construction: Vineyard to Century	42,000	Jul-81	3561		\$ 59,000
Century to Kettleman	86,900	Jul-81	3561		\$ 122,000
Century @ Hutchins	31,000	Jul-81	3561		\$ 43,000
frontage road, Century to Mendocino	63,000	Jul-81	3561		\$ 88,000
Other:					

Total Cost: \$ 312,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Streets CIP

Ham Lane Reverse Frontage Fence Replacement - East Side N/Kettleman

Project Description

This project consists of the replacement of the wood fence located at the right-of-way on Ham Lane across from Kofu Park. This fence was originally approved by the City as part of the development of the adjacent lots many years ago. Since then, all such fences have been either block, masonry or a combination with grape stakes, all relatively low maintenance and better appearing fences. The adjacent property owners wish to have the City replace the fence with a masonry fence and based on discussion at a Council meeting in 1991, are willing to contribute to the cost of the project.

The Council decided to consider funding the remainder when the complete budget is considered.

The estimate includes filling the area between the sidewalk and the fence with concrete, which will eliminate a maintenance problem for the City.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u>	<u>ENR Index:</u>
Prelim Eng:				Jul-92	
EIR: exempt				4956	
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	60,000	Jul-91	4818		\$ 62,000
Other:					

Total Cost: \$ 62,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi
Public Works Department

Streets Capital Improvement Program
Street Master Plan Updates

Project Description

This project consists of street master plan updates to be done in conjunction with General Plan updates or as needed. It also includes repayment to the Street Capital funds (gas tax) for the development of the traffic model and other work done as part of the General Plan Update done in 1987/91. The amount to be repaid is indexed per the Engineering New Record Index as adopted by the City Council in 1992 (Ord. 1546). Repayment is to be made as street development impact mitigation funds are available.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:					
EIR: exempt					
Rights of Way:					
Easements:					
				Update per Jan. Index per Ord. 1546	
Consultants: 1991 GP Update	\$76,187	Jan-90	4887 4673	1-Jan-92	\$ 79,676
Next GP Update (96/97)	20,000	Jan-90	4673		\$ 21,000
Following Update (2002)	20,000	Jan-90	4673		\$ 21,000
Other:					

Total Cost: \$ 121,676

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



City of Lodi
Public Works Department

Streets Capital Improvement Program
Traffic Control Device Inventory

Project Description

This project consists of performing an City-wide inventory and mapping all traffic control devices. As originally estimated in 1987, the work involved data collection using part-time help and plotting the existing signs and markings on a City map for office use. This work was often funded by the State under a federal grant program. Unfortunately, many agencies who took advantage of this program found that they had a map that quickly became out of date. Lodi staff deferred this effort until a system that was coordinated with maintenance activities could be developed. However, as computer technology and software continues to mature in this area, it is felt this program should be put off until the mid 1990's.

The estimate will need to be updated when a more specific and comprehensive plan is developed.

Related Projects

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4992</u>
Prelim Eng:					
EIR: exempt					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	18,000	Jan-87	4348		\$ 21,000

Other:

Total Cost: \$ 21,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI
PUBLIC WORKS DEPARTMENT

Streets CIP
Church St. Tree Replacement
Downtown Area

Project Description

This project consists of the removal and replacement of the camphor trees located on Church St. in the downtown area. These trees have grown to the point where roots are causing significant damage to the adjacent sidewalks and gutters. The estimate is for replacing 36 trees spread in three phases to minimize the visual impact of replacing all at once. They will be replaced with Kawakii pear trees, which is an evergreen pear. These have been used on Pine St. in front of the City Hall parking lot.

Project Number:

<u>Estimated Costs</u>		<u>Date of</u>	<u>ENR</u>	<u>Updated Cost for:</u>	<u>Jul-92</u>
<u>Item</u>	<u>Amount</u>	<u>Estimate</u>	<u>Index</u>	<u>ENR Index:</u>	<u>4956</u>
Prelim Eng:					
EIR: assumed exempt					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	45,000	Jan-92	4887		\$ 46,000
Other:					

Total Cost: \$ 46,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Streets CIP
Pleasant Ave. Sidewalk Replacement
150' S/ Lodi Ave - Lodi Ave

Project Description

This project is the replacement of approximately 150 feet of curb, gutter and sidewalk on the east side of Pleasant Avenue southerly from Lodi Avenue to the alley.

This project will include the removal of three large Modesto ash trees, widening the east side of the street by 2.5 feet by removing the planter strip and replacing existing curb, gutter, and sidewalk. In addition, a wheelchair ramp at the south east corner of Lodi Ave. and Pleasant Ave. will be replaced. This will require the relocation of the existing side inlet catch basin.

The trees have heavily damaged the sidewalk, gutter and have even disrupted the pavement. They are also severely infected with mistletoe.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4956</u>
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction:	50,300	Jun-91	4818		\$ 52,000
Other:					

Total Cost: \$ 52,000

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Streets CIP

Peach Street Improvement
Cochran Rd - Tokay St

Project Description

This project was prompted by testimony from area residents during the public hearings on the expansion of the Twin Arbors Athletic Club on Cochran Road. School children and others walk on Peach Street between the residential area south of Tokay St. to Vinewood School and park. Peach Street was already developed with homes when it was annexed many years ago. Shortly after annexation, an assessment district was formed to install only water and sewer lines for the homes. The street is approximately 24 ft. wide with no shoulder improvements. Many residents felt this was a hazard to pedestrians and bicyclists.

Three improvement options have been identified:

1. This option includes installing new curb, gutter, sidewalk and paving on the east side, and installing 4 street lights on Peach Street.
2. This option includes paving and a raised curb on the east shoulder of Peach Street to provide drainage and a walkway. Street lights are also included in the estimate.
3. This option includes reconstruction of pavement with asphalt concrete and new base, installing new curb, gutter, and sidewalk on both sides of the street, and installing of street lights.

Project Number:

Estimated Costs

Item	Amount	Date of Estimate	ENR Index	Updated Cost for: ENR Index:	Jul-92 4956
Prelim Eng:					
EIR:					
Rights of Way:					
Easements:					
Consultants:					
Design Eng.:					
Construction: 1. Option one	32,000	Jun-91	4818		\$ 33,000
2. Option two	22,000	Jun-91	4818		\$ 23,000
3. Option three	73,000	Jun-91	4818		\$ 75,000
Other:					

***Total Cost: \$ 23,000**

Remarks

Design Engineering shown separately if anticipated to be budgeted prior to construction; if not, it is included in construction.

Construction includes contract administration & inspection unless shown otherwise.

*Total Cost is the minimum of the options.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

General City Facilities CIP

Public Works Local Area Network

Project Description

This project consists of the implementation of a local area network of the Public Works Department's microcomputers which was begun in FY 1991/92. The first phase included the file server and network software plus another drafting station and linked 10 microcomputers in City Hall. The second phase (which could be broken in two separate phases) includes:

At City Hall:

- o) a clerical workstation
- o) a shared laser printer for the second floor
- o) a tape backup unit
- o) additional disc drive for mirroring
- o) additional cable and network interface cards
- o) miscellaneous network utility software

At the MSC:

- o) cable & network interface cards
- o) communications link from City Hall to MSC (we are working with the telephone system vendor to determine the optimum configuration using the new T-1 line installed with the new phone system but do not have final pricing and design as of this writing. (3/25/92)

Future Phase 3 includes a high speed shared laser printer and optical storage devices for drawing storage. The amount shown is a preliminary estimate.

Note that the Building Dept. is proposing to connect their microcomputers to this network in 1992/93. Costs for this addition are not included here and were approved in the 92/93 operating budget.

Project Number:

Estimated Costs

<u>Item</u>	<u>Amount</u>	<u>Date of Estimate</u>	<u>ENR Index</u>	<u>Updated Cost for:</u> <u>ENR Index:</u>	<u>Jul-92</u> <u>4956</u>
Prelim Eng:					
EIR: exempt					
Phase 2, City Hall	23,000	Jan-92	4887		\$ 23,000
Phase 2, MSC	15,000	Jan-92	4887		\$ 15,000
Phase 3	10,000	Jan-92	4887		\$ 10,000

Total Cost: \$ 48,000

Remarks

Note: Phase 1 was funded 25% each from Water, Sewer, Gas Tax & General Funds